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(CDT)
Date: Wed, 11 Sep 1996 02:31:31 -0500 (CDT)
Message-Id: <199609110731.CAA23324@uro.theporch.com>
Errors-To: ws4s@midtenn.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 287
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 287

Topics covered in this issue include:

- 1) Ham Partnershsip Program?
by "Kathryn J. Goerg" <kgoerg@webblabs.com>
- 2) Heath MR-1 tube nomenclature
by "Douglas R. Wiese" <wiese@MR.Net>
- 3) Multi-Elmac AF-68 schematic needed
by "Douglas R. Wiese" <wiese@MR.Net>
- 4) EICO 720 schematic wanted
by "Douglas R. Wiese" <wiese@MR.Net>
- 5) Question: What is Daven Oil and what(cont in text)
by wj5j@juno.com (John D Hensley)

Date: Tue, 10 Sep 1996 18:43:19 -0500
From: "Kathryn J. Goerg" <kgoerg@webblabs.com>
To: glowbugs@ThePorch.com
Subject: Ham Partnershsip Program?
Message-ID: <3235FD17.406@webblabs.com>

Mr. Paul Schleck (KD3FU) suggested that we inquire here as to whether our Education Partnership Program, discussed in this recent story in EE Times, should be made available to amateur radio clubs and/or individuals. This package allows unprecedented access to powerful RF and microwave CAE tools, for circuit analysis, transmission structure synthesis, and system design. I would appreciate any and all insight.

Thanks!

Kathy Goerg

P.S. I will fax detailed material to anyone interested.

STUDENTS RECEIVE CAE OFFER
EE Times August 12, 1996
By Richard Goering

Brookfield, WI -- Webb Laboratories is offering two specially-configured CAE packages to universities, with rights to copy, install and use the PC-based packages without restriction on an indefinite basis. A one-time per-department licensing fee helps defray the costs of technical support.

Webb's Education Partnership Program is "unprecedented" in the industry, according to Richard Webb, president. "Schools are often provided with CAE capability with hardware key restriction for internal use only," he said. "This new level of authorized proliferation is heretofore unheard of."

One package, the Circuit Analysis and Structure Synthesis option, combines general purpose audio-to-microwave graphical nodal circuit analysis with transmission structure synthesis and analysis. Support is available for single and coupled planar, wire, coaxial and non-TEM (transverse electromagnetic) topologies. The package is derived from Webb's TransCad offering.

The SystemPlus option automates procedures associated with high-frequency system and receiver engineering. It offers system gain, noise and intermodulation analysis with transmit/receive link, radar and terminal bookkeeping, receive and transmit spurious characterization, and system phase noise analysis.

Each package comes with diskettes, a bound user's manual of over 500 pages, and a set of manual pages suitable for duplication. Each institution can reproduce manual and diskette copies in any desired quantity.

Packages can be distributed to students, faculty and staff of any one department for two years from receipt of materials.

Usage is permitted without time limit, regardless of whether the recipients remain with the department. The products may be used at any location on an indefinite basis.

The one-time per-department licensing fee is \$675 for the Circuit Analysis and Structure Synthesis option, and \$475 for the SystemPlus option. The full package fee is \$975. Additional information is available at <http://www.webblabs.com/ep.htm>.

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Date: Tue, 10 Sep 1996 20:08:17 -0500
From: "Douglas R. Wiese" <wiese@MR.Net>
To: <boatanchors@theporch.com>, <glowbugs@theporch.com>,
Subject: Heath MR-1 tube nomenclature
Message-ID: <199609110129.UAA09042@riverside.mr.net>

I picked up a set of Heath MR-1/MT-1 mobile separates at a hamfest recently. I also keep a separate database of the tubes in my rigs sorted by tube number and the V1, V2, V3..... numbers off the schematic. This is very handy when I need to sub a tube and can find it right away out of a known working unit. I also take it along for seeing what to stock at hamfests when I run into a bargain. Looking at the condensed manuals and schematics I got with the units I find that the schematic for the MT-1 transmitter has the usual black circle/white letter all Heath fans know and love. Very easy to pick out V1 etc. The MR-1 has no V-series identifiers on it. Searching the book, block diagrams etc. yields no joy. I wonder if anyone on the list has the full manual, and if so could check for the existence of this nomenclature. It seems very odd that they would do the xmtr but not the receiver.

73 Doug Wiese - WB0YDD
email wiese@mr.net or wb0ydd@juno.com

Date: Tue, 10 Sep 1996 20:29:13 -0500
From: "Douglas R. Wiese" <wiese@MR.Net>
To: <boatanchors@theporch.com>, <glowbugs@theporch.com>,
Subject: Multi-Elmac AF-68 schematic needed
Message-ID: <199609110129.UAA09050@riverside.mr.net>

Picked up a Multi-Elmac AF-68 Trans-Citer recently. Very clean but I don't know much about it. Can anyone know the story on this model. Need

power pinout and p/s requirements for Jones plug, schematic/manual, copy OK, will reimburse expenses for copying/postage etc.

73 Doug Wiese - WB0YDD

email wiese@mr.net or wb0ydd@juno.com

Date: Tue, 10 Sep 1996 20:14:50 -0500
From: "Douglas R. Wiese" <wiese@MR.Net>
To: <boatanchors@theporch.com>, <glowbugs@theporch.com>,
Subject: EICO 720 schematic wanted
Message-ID: <199609110129.UAA09045@riverside.mr.net>

Need schematic, op manual for EICO 720 transmitter, copies OK, usual cost reimbursements of course. Thanks!

73 Doug Wiese - WB0YDD

email wiese@mr.net or wb0ydd@juno.com

Date: Tue, 10 Sep 1996 23:09:24 PST
From: wj5j@juno.com (John D Hensley)
To: glowbugs@theporch.com
Cc: boatanchors@theporch.com
Subject: Question: What is Daven Oil and what(cont in text)
Message-ID: <19960910.231018.4791.12.wj5j@juno.com>

Hello wisemen and tubesters,

In furrowing through Fairf's catalog searching for useful things for my 51J4 project, my curiosity springs up on an old subject. Years ago in the broadcast industry, audio pads on mixing boards were often lubricated with "Daven Oil". What is this stuff, is there a modern equivalent, and how is it properly used?

...and that leads to the probably silly question: is the difference between pads and pots, the absorption of power rather than the changing of a voltage drop?

...and lastly, is a Daven switch a brand name or a type and if a type, how so?

73, Doug

***** WJ5J / NNN0BXX *****

Wanted: Equipment tag for 51J4, small knobs, and
1 khz and 3 khz mechanical filters, equip. case and
C-217, a two section 35 mfd/450 volt p.s. filter plug in
***** wj5j @ juno.com *****

End of GLOWBUGS Digest 287
